

# Converting Colors

Hex(537B30)

Have a look what the booklet for  
Hex(537B30) contains.

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**Color**

**Hex(537B30)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	537B30
RGB	83, 123, 48
RGB Percent	33%, 48%, 19%
CMY	0.6745, 0.5176, 0.8118
CMYK	0.33, 0.00, 0.61, 0.52
HSL	92°, 44%, 34%
HSV	92°, 61%, 48%
XYZ	11.1837, 16.2183, 5.3373
YIQ	102.4900, 0.2350, -31.8050

# Conversions

## Conversions Part 2

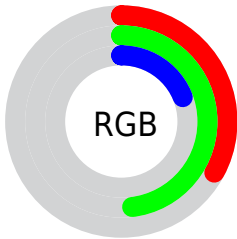
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 123, 88
Decimal	5471024
CIELab	47.26, -27.66, 35.87
CIELCh	47, 45.298, 127.634
Yxy	16.2183, 0.3416, 0.4954
Android (android.graphics.Color)	4283661104 (0xFF537B30)
YUV	102.4900, -26.8636, -17.0927
Hunter-Lab	40.2720, -20.9056, 20.3326

# Details

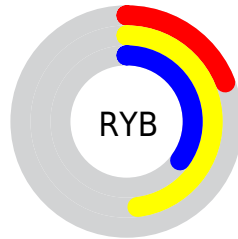
The Hex color **537B30** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **58307B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **87B061**, and **214A00** is the 20% darker color. If you saturate the color by 10%, you get **4C7B24**, and if you desaturate by 10%, it is **5A7B3C**.

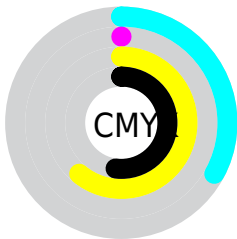
# Distribution



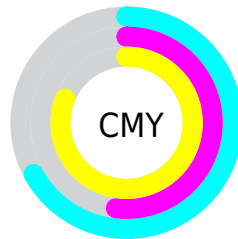
- Red (33%)
- Green (48%)
- Blue (19%)



- Red (19%)
- Yellow (48%)
- Blue (35%)



- Cyan (33%)
- Magenta (0%)
- Yellow (61%)
- Black (52%)



- Cyan (67%)
- Magenta (52%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 537B30 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 537B30 by changing the saturation by 10% instead.



 537B30

 537B30

FFFFFF

 3A6218

 87B061

 214A00

 A2CB7B

 063300

 BEE895

 002000

 DAFFB0

 000000

 F7FFCC

 FFFFE8

 537B30

 537B30

 4C7B24

 5A7B3C

■ 467B17

■ 607B49

■ 3F7B0B

■ 677B55

■ 397B00

■ 6D7B61

■ 747B6E

■ 7A7B7A

■ 817B86

■ 877B92

■ 8E7B9F

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7C711E



537B30



038152

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



537B30



007CB6



B64D68

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



537B30



58307B

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A6538E



537B30



3671BC

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



537B30



00819E



7F62AD



B15544

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



537B30



00826C



7F62AD



B34D75



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



537B30



91A184



7B5830



485240



D1D1D1



525252



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



537B30



62A12B



307B33



3A3D37



3A7D00



76FC00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58307B



6A2BA1



7B3079



3A373D



43007D



8700FC



# Previews

## White Background



This preview shows how the Hex color 537B30 looks on a white background.

## Color Contrast Check

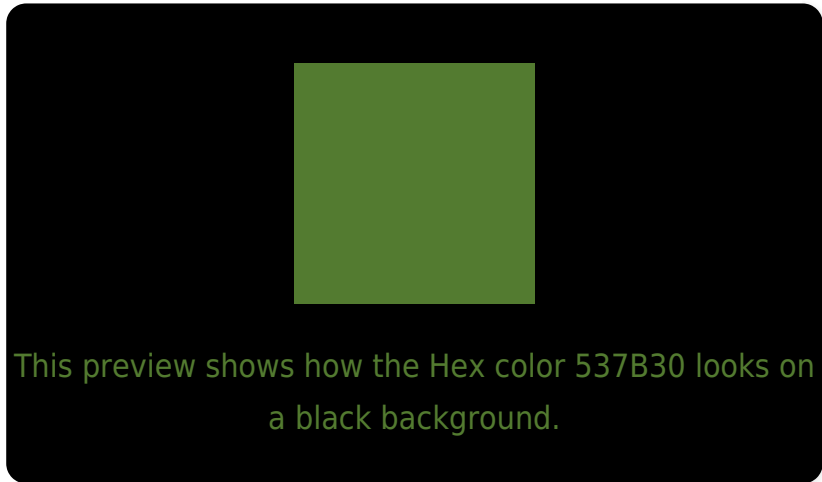
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

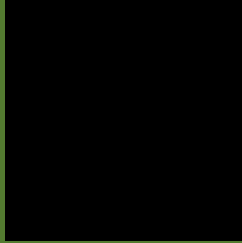
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 537B30 Background



This preview shows how black text looks on a background with the Hex color 537B30.



This preview shows how white text looks on a background with the Hex color 537B30.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
537B30

**Protanopia**  
7C702D

**Deuteranopia**  
8A6A35



**Tritanopia**  
5E737C

# Trichromacy



**Original Color**  
537B30

**Protanomaly**  
6D742E

**Deuteranomaly**  
767033

**Tritanomaly**  
5A7660

# Monochromacy



**Original Color**  
537B30

**Achromatopsia**  
666666

**Achromatomaly**  
5F6E52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 537B30 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #537B30 looks like.

```
.text, #text, p{  
    color:#537B30  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #537B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537B30
}
```

## Border

The CSS property to change the border of an element to Hex 537B30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#537B30 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#537B30 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #537B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537B30; -webkit-box-shadow:4px 4px  
4px 4px #537B30; box-shadow:4px 4px 4px  
4px #537B30 }
```

# Background

The CSS property to change the background color of an element to Hex 537B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537B30 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#537B30 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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